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Fig. 1

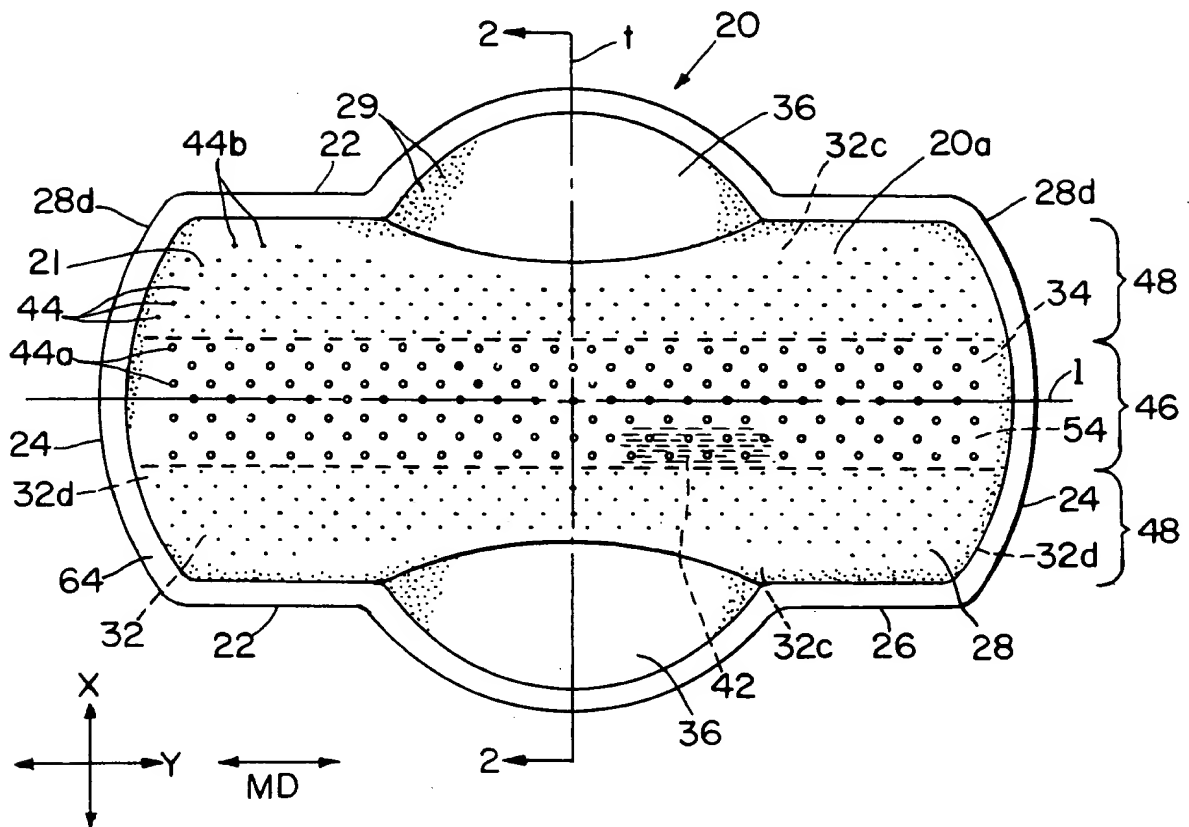


Fig. 2

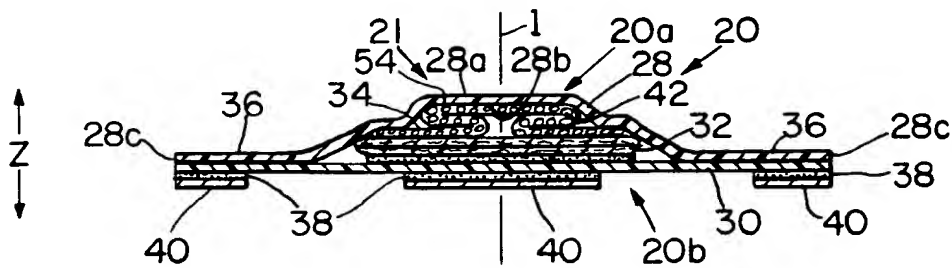
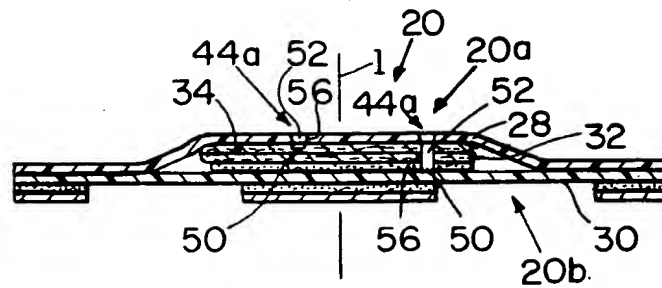


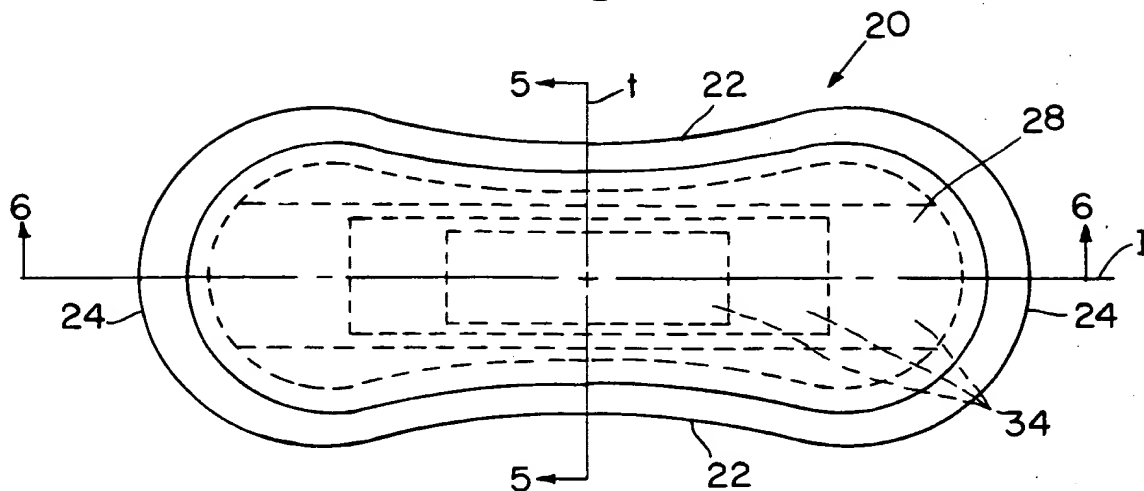
Fig. 3



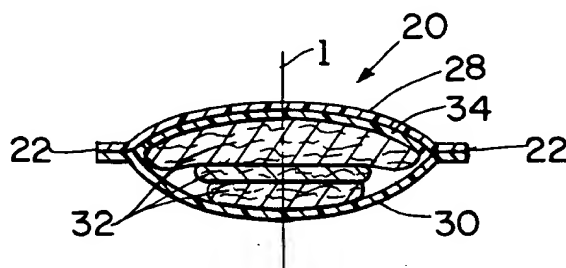


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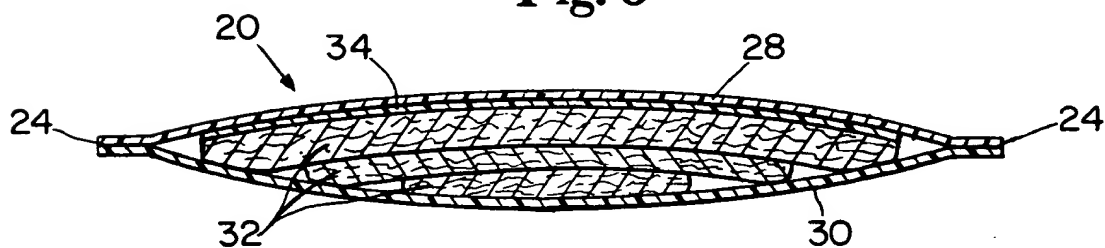
**Fig. 4**



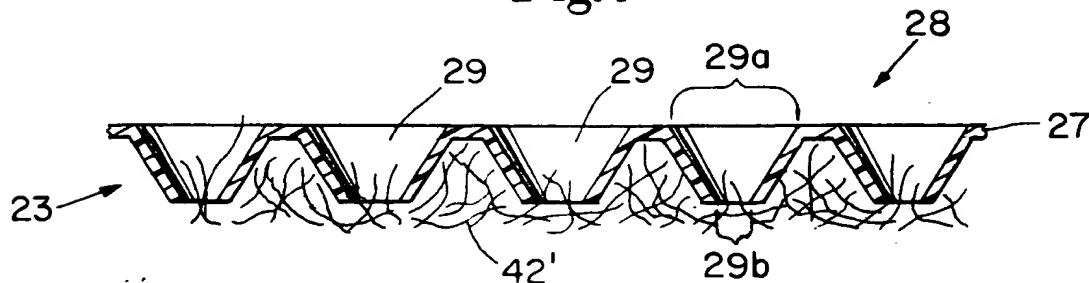
**Fig. 5**



**Fig. 6**

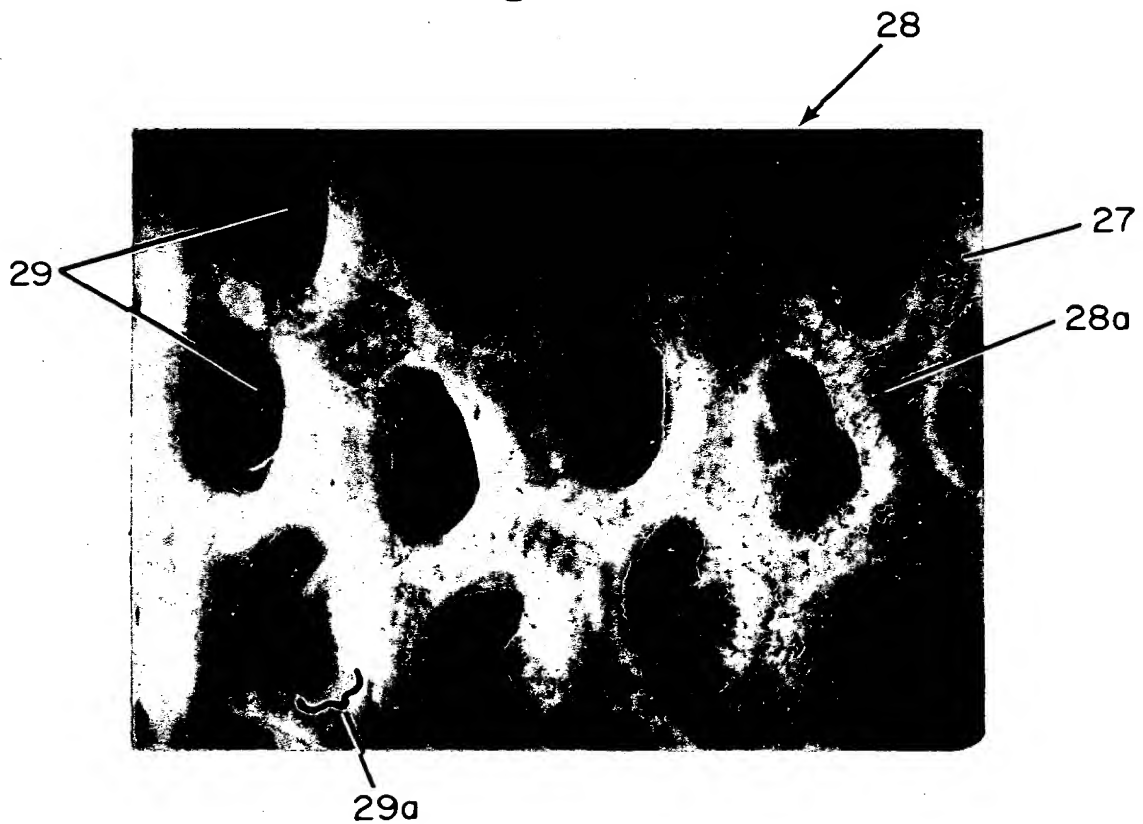


**Fig. 7**





**Fig. 7A**

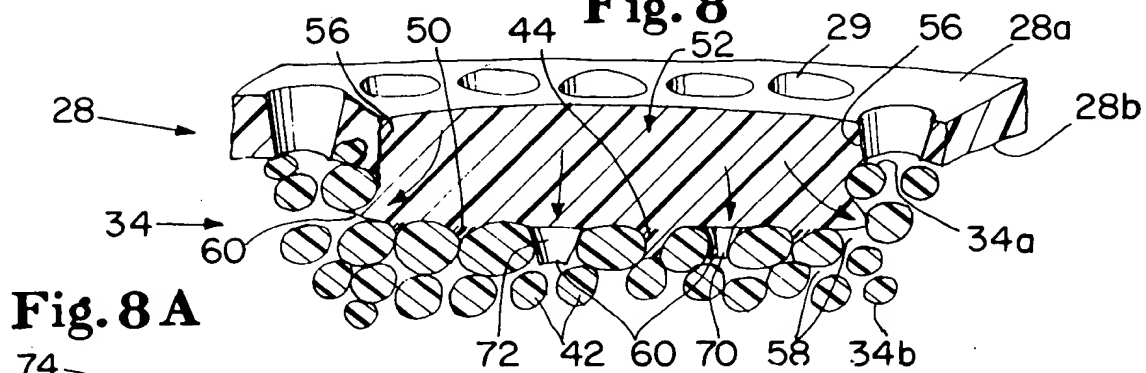




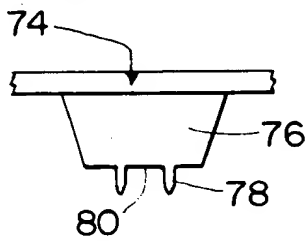
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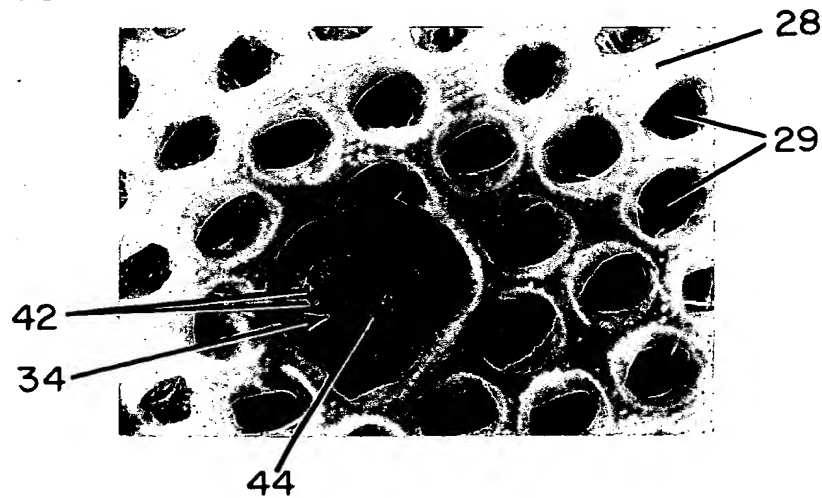
**Fig. 8**



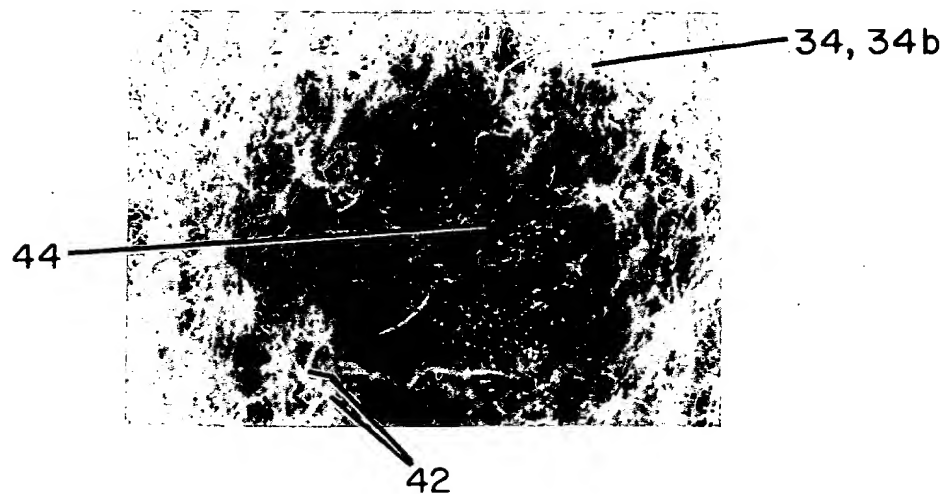
**Fig. 8 A**



**Fig. 9**



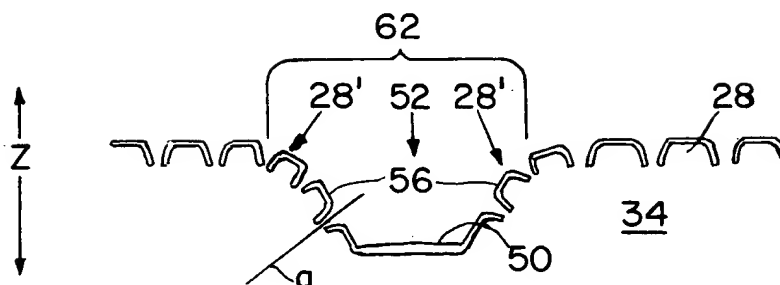
**Fig. 10**



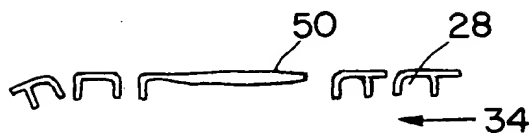


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**Fig. 11**



**Fig. 12**

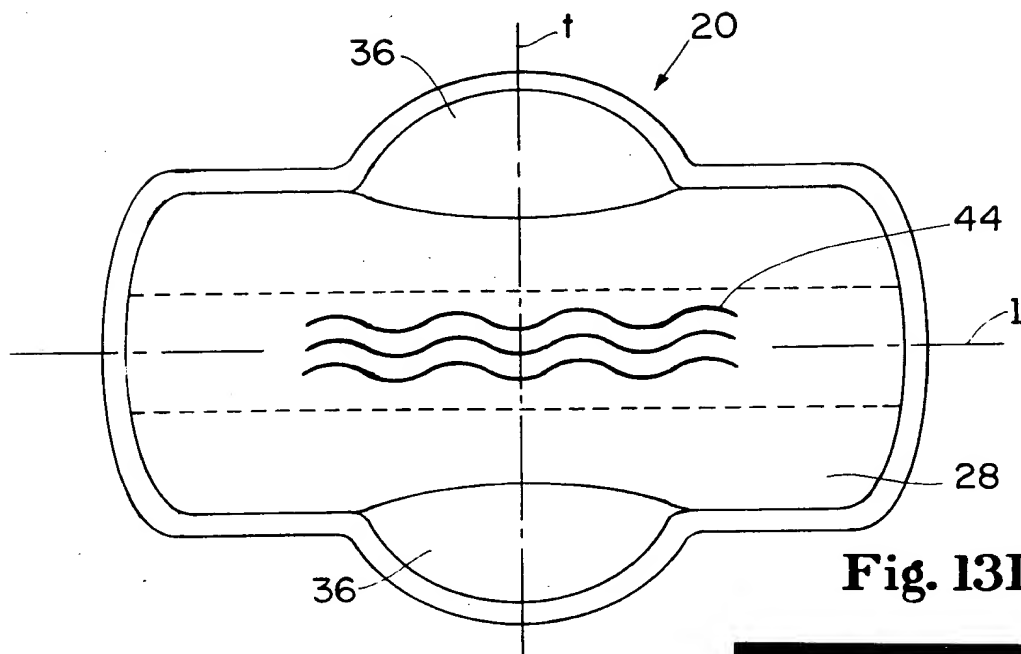




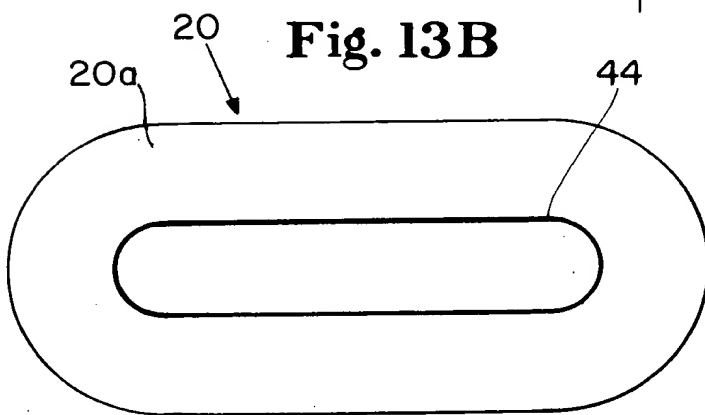
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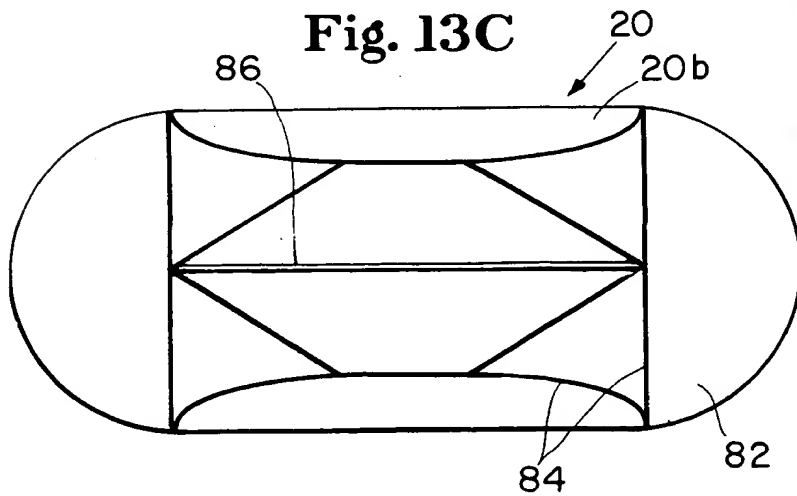
**Fig. 13A**



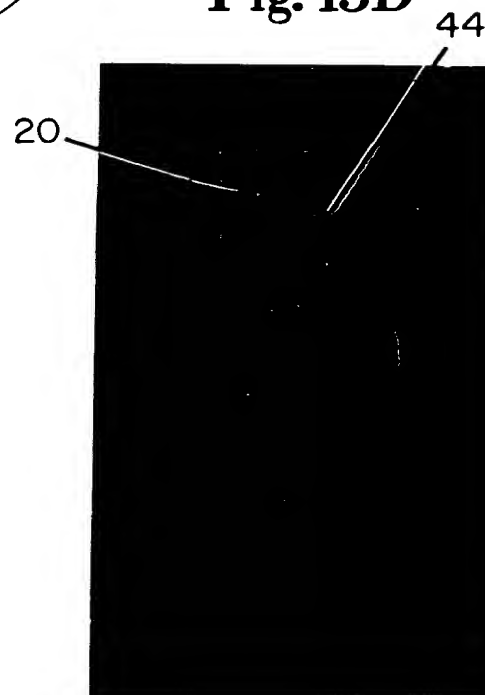
**Fig. 13B**

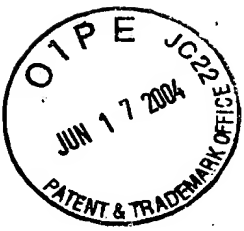


**Fig. 13C**



**Fig. 13D**

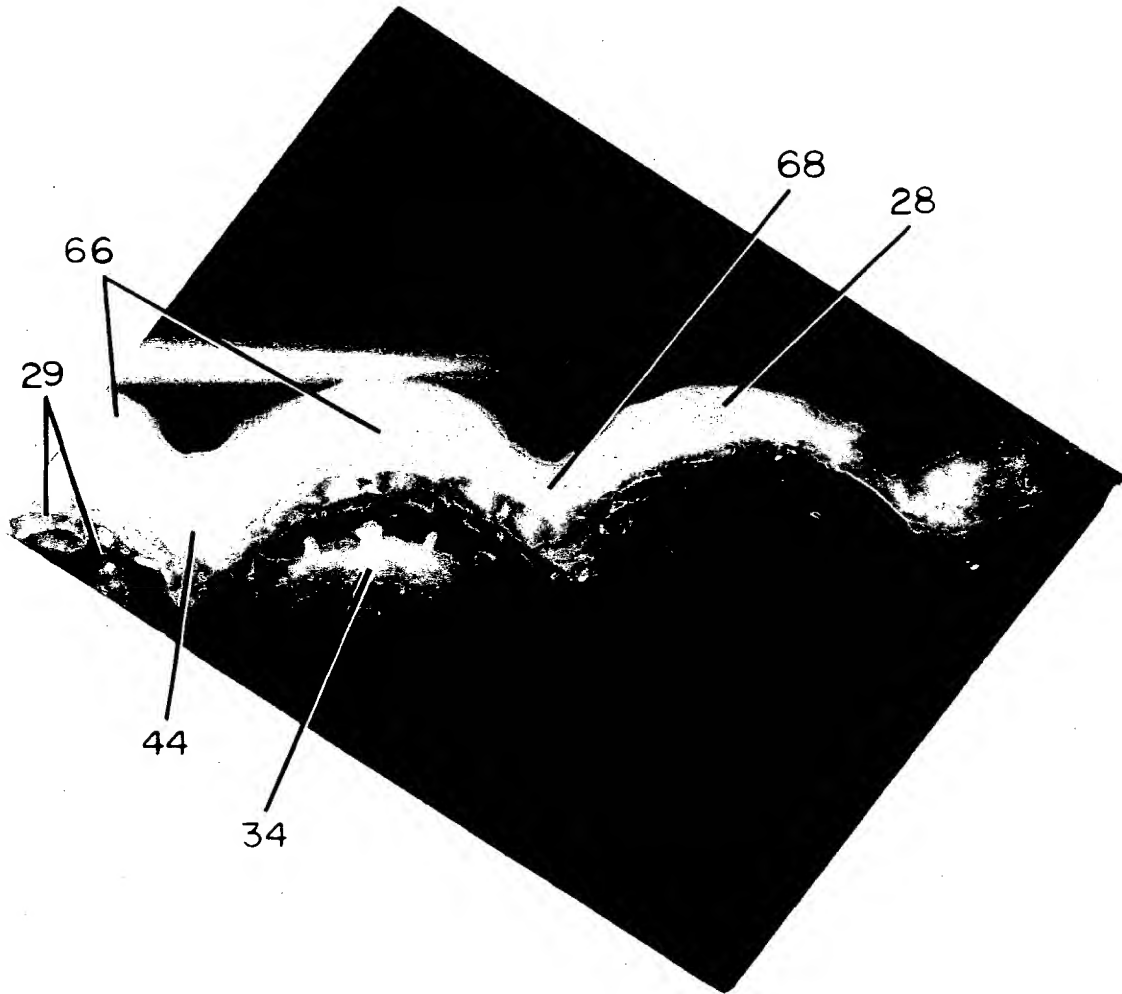


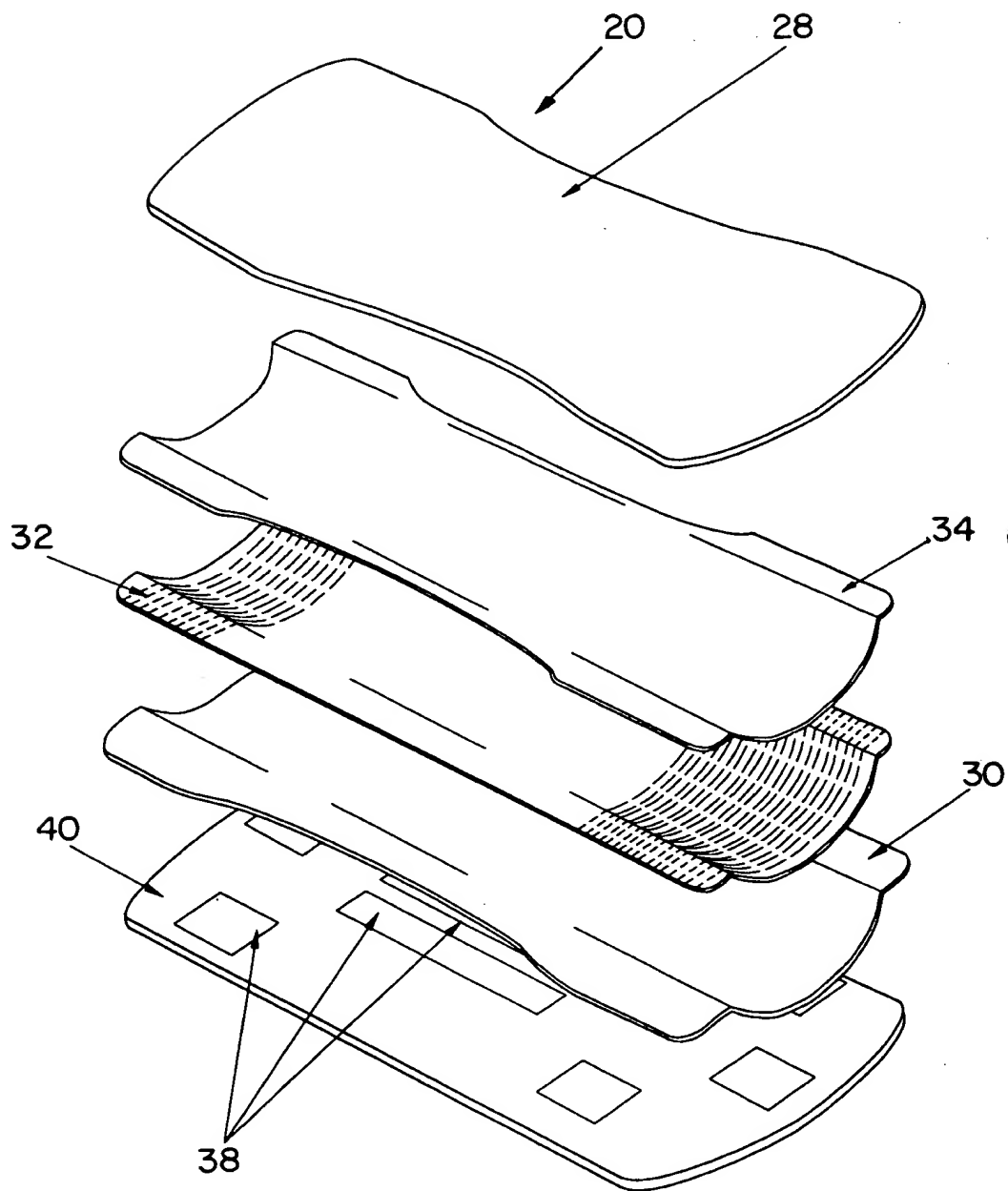


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**Fig. 14**



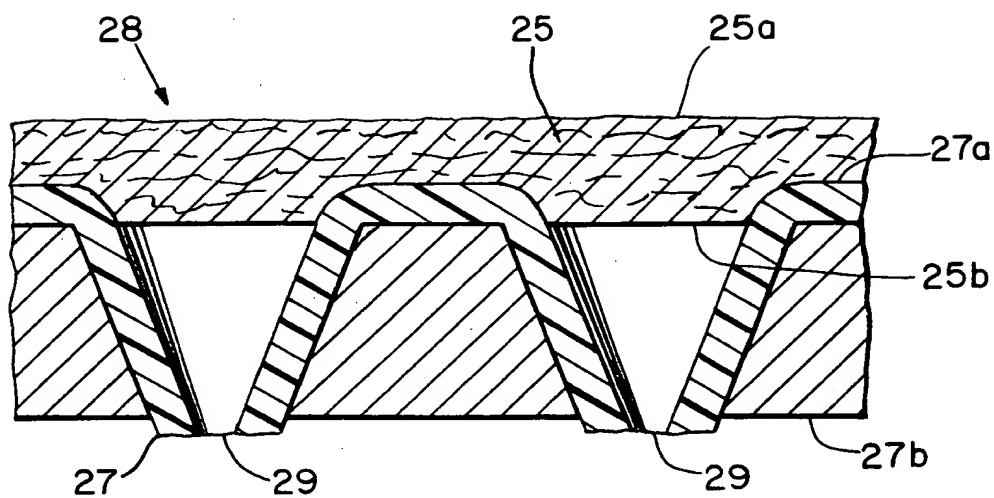




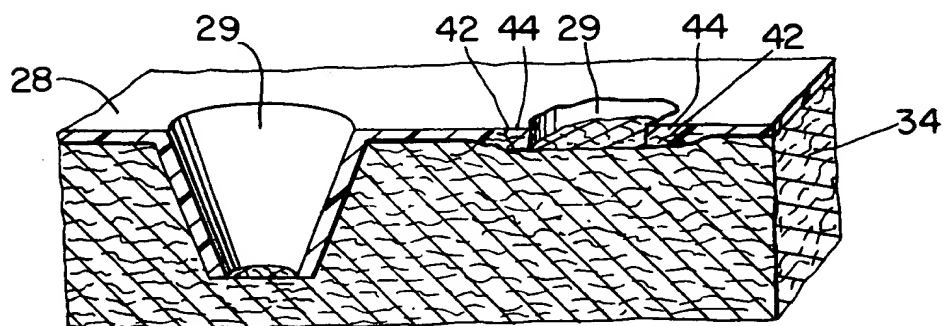


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**Fig. 16**



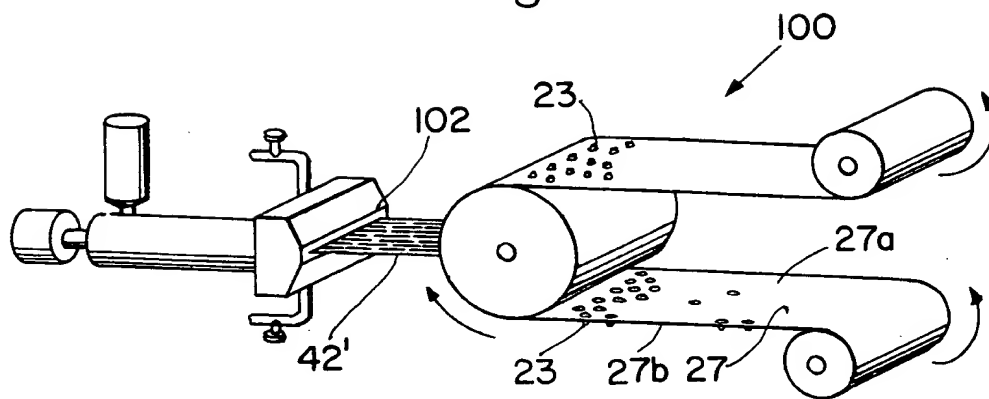
**Fig. 17**



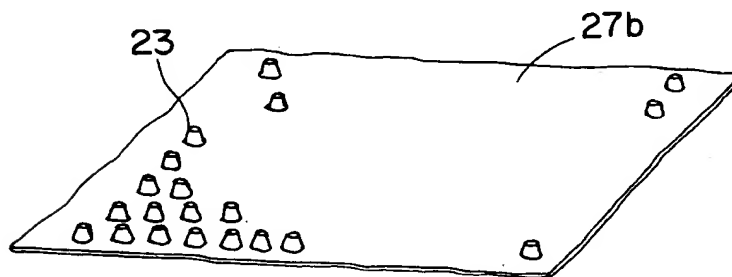


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**Fig. 18**



**Fig. 19**

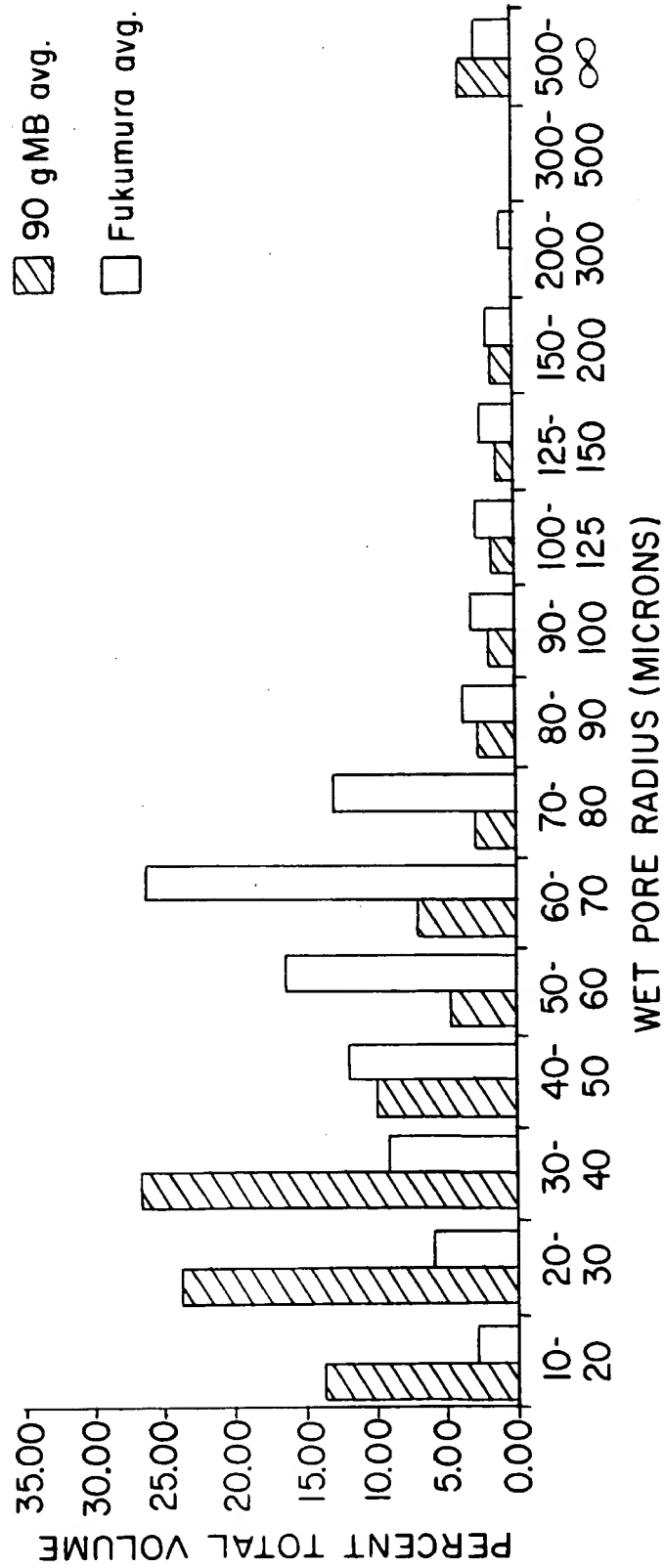




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Fig. 20

90 g MB vs. FUKUMURA at 1/4 psi



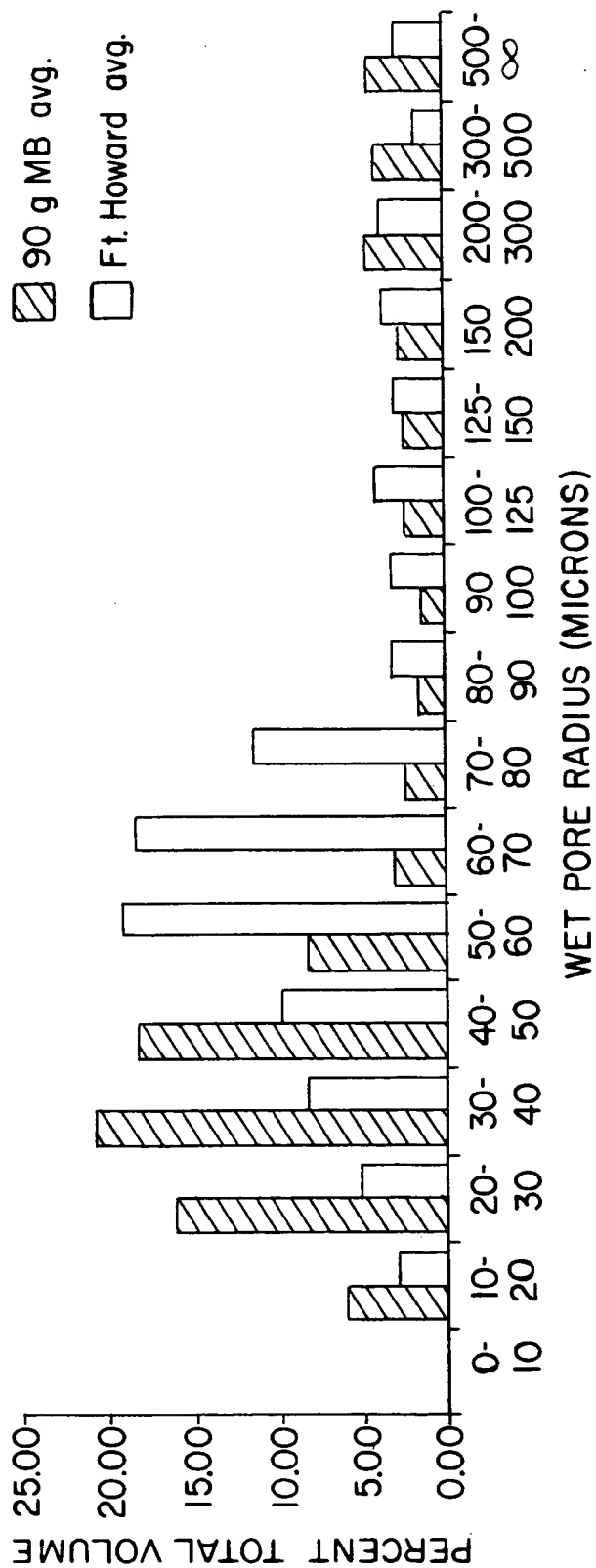
Fukumura mean: 60 um  
90 g MB mean: 30-40 um



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Fig. 21

90 g MB vs. Ft. HOWARD at 0 psi

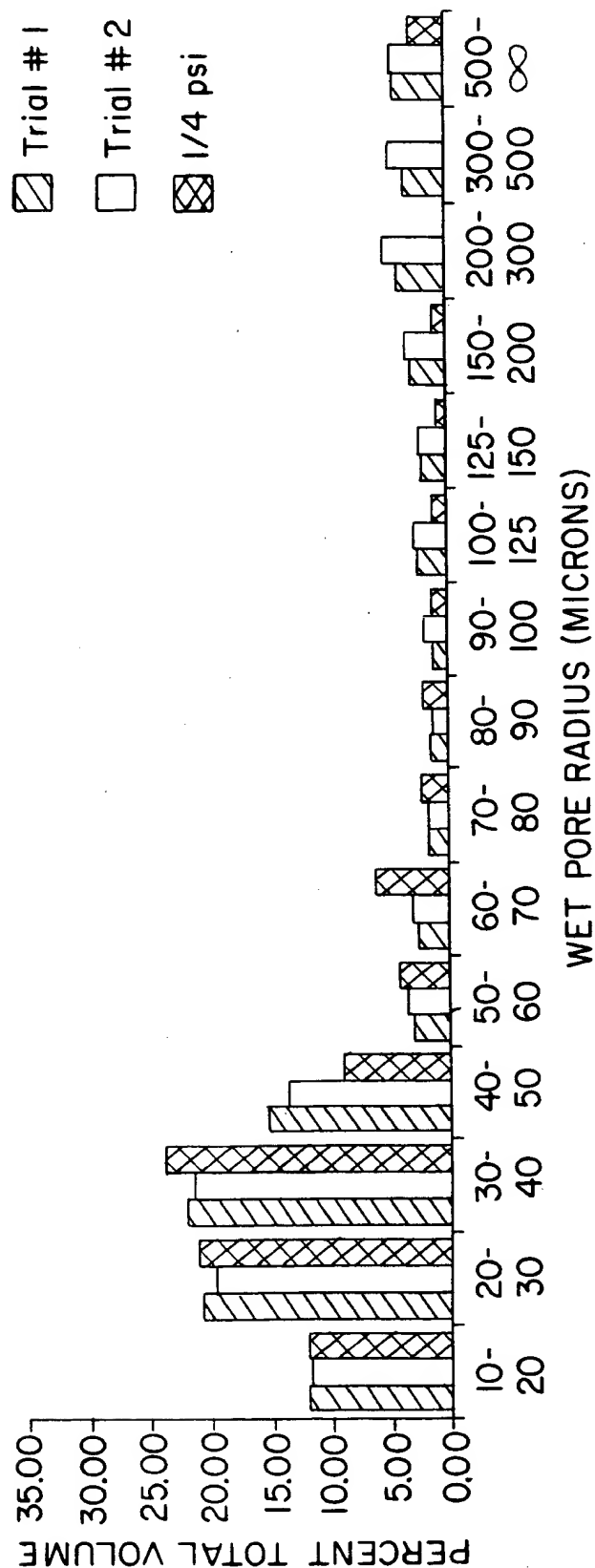




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Fig. 22

EFFECT of 1/4 psi on 90 g MB



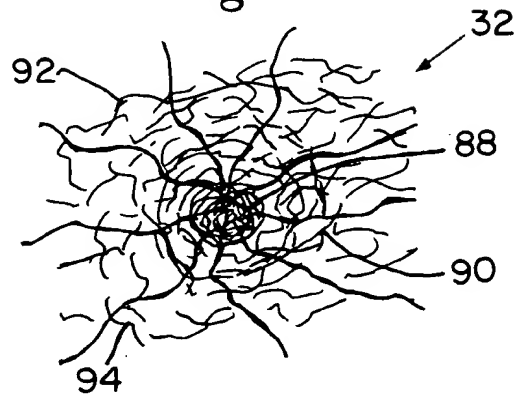
90 g MB mean: 30-40 um

90 g MB 1/4 psi mean: 30-40 um

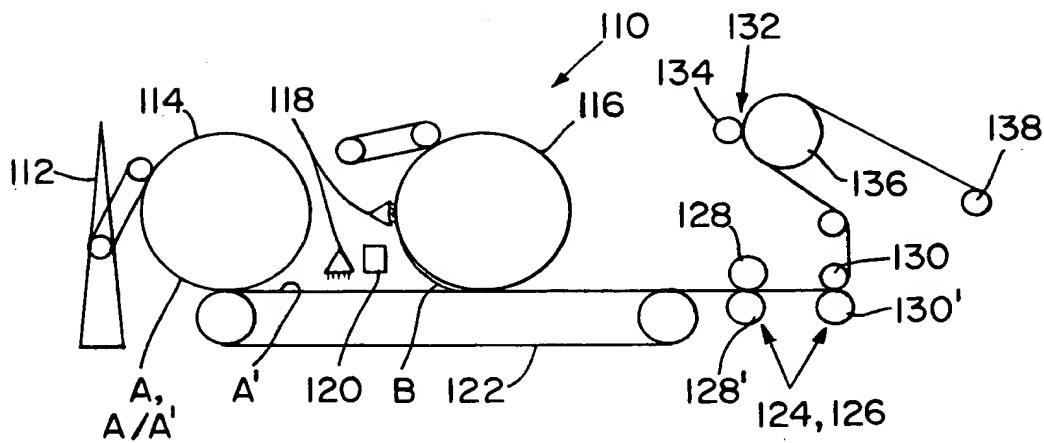


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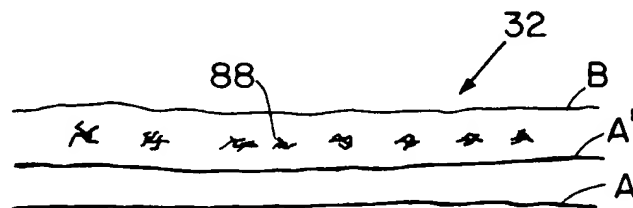
**Fig. 23**



**Fig. 24**



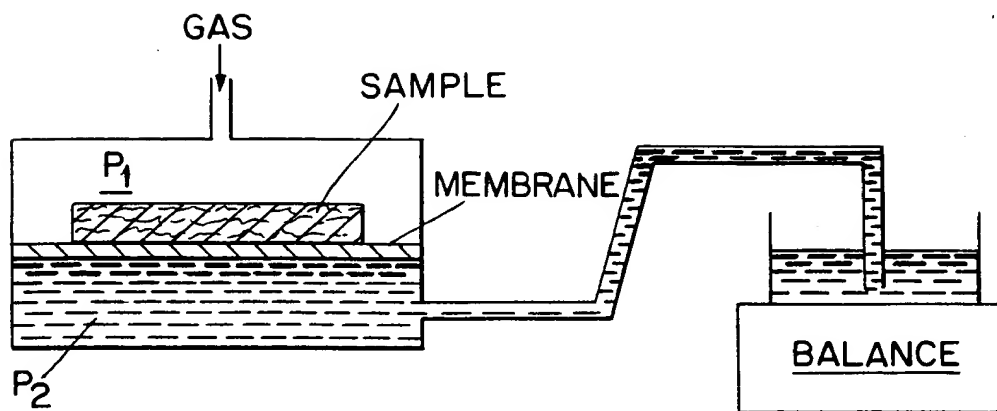
**Fig. 25**







**Fig. 27**



$$R = \frac{2 \gamma \cos \theta_{\text{rec(adv)}}}{\Delta P}$$